

# **ABSTRACT**

It is to provide a catalyst carrier having large pore size and porosity and a small pressure loss.

The catalyst carrier is characterized by covering a surface of each particle in a silicon-containing ceramic carrier with alumina thin film, and is produced by immersing a carrier having an oxide film of a silicide in its surface in a solution of aluminum containing metal compound, drying by heating, calcining, subjecting to an immersion treatment in hot water and thereafter firing.